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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Meta-analysis-the idea -- Meta-analysis-the methodology -- Meta-analysis-on the reliability of cognitive neuroscience data-an empirical inquiry -- Theories of the mind-brain -- Current status and future need.
Sommario/riassunto	Cognitive neuroscientists increasingly claim that brain images generated by new brain imaging technologies reflect, correlate, or represent cognitive processes. This book warns against these claims, arguing that, despite its utility in anatomic and physiological applications, brain imaging research has not provided consistent evidence for correlation with cognition. It bases this argument on a review of the empirical literature, pointing to variability in data not only among subjects within individual experiments but also in the meta-analytical approach that pools data from different experiments.